

ARMY PUBLIC SCHOOL, KOTA
Summer Vacation Assignment
Practice Paper 2019-20
Subject: Maths
Class: VII

Section A

1. Write down a pair of integers whose sum is -7.
2. Find the product, using distributive property:
 $625 \times (-35) + (-625) \times 65$
3. Find the product of $\frac{2}{3}$ and $\frac{7}{5}$?

Section B

4. In a quiz, team A scored -40, 10, 0 and team B scored 10, 0, -40 in three successive rounds. Which team scored more?
5. A rectangular sheet of paper is $12\frac{1}{2}$ cm long and $10\frac{2}{3}$ cm wide. Find its perimeter.
6. Which is greater: $\frac{2}{7}$ of $\frac{3}{4}$ or $\frac{3}{5}$ of $\frac{5}{8}$?

Section C

7. Find: $\frac{2}{5} \div 1\frac{1}{2}$.
8. A certain freezing process requires that room temperature be lowered from 40°C at the rate of 5°C every hour. What will be the room temperature 10 hours after the process begins?
9. An elevator descends into a mine shaft at the rate of 6 m/min. If the descent starts from 10 m above the ground level, how long will it take to reach -350 m?
10. Saili plants 4 saplings, in a row, in her garden. The distance between two adjacent saplings is 3.4 m. Find the distance between the first and the last sapling.
11. A two-wheeler covers a distance of 55.3 km in one litre of petrol. How much distance will it cover in 10 litres of petrol?

Section D

12. In a class test containing 15 questions, 4 marks are given for every correct answer and (-2) marks are given for every incorrect answer. (i) Gurpreet attempts all questions but only 9 of her answers are correct. What is her total score? (ii) One of her friends gets only 5 answers correct. What will be her score?
13. A shopkeeper earns a profit of Re 1 by selling one pen and incurs a loss of 40 paise per pencil while selling pencils of her old stock. (i) In a particular month she incurs a loss of Rs 5. In this period, she sold 45 pens. How many pencils did she sell in this period? (ii) In the next month she earns neither profit nor loss. If she sold 70 pens, how many pencils did she sell?
14. A car covers a distance of 89.1 km in 2.2 hours. What is the average distance covered by it in 1 hour?
15. Find:
(a) 11.2×0.15 (b) 3.62×100
(c) $37.8 \div 1.4$ (d) $0.5 \div 1000$